

## **Thales SEC Transport Awarded New Signalling Contract for Zhengzhou Metro Line 6**

- Thales SEC Transport (TST, Thales’ JV in China) will provide its innovative TSTCBTC ®2.0 signalling system for the Zhengzhou Metro Line 6 Phase 1 project, which aims to achieve zero interruptions to operations by creating a high level of redundancy and availability.
- TSTCBTC ®2.0 signalling system has already been deployed on the Shanghai Metro Line 5 and Line 14 projects.
- The Zhengzhou Line 6 Phase 1 project is one of the key projects in the city’s urban rail transit construction, which will significantly enhance the urban mobility. The line runs from Jiayu Town station to Xiaoying station, with a total operational length of 39.2 km (2.8 km elevated, 36.4 km underground), crossing through 26 stations (one elevated and 25 underground), and including nine interchange stations.
- As the first signalling project that TST was awarded in Zhengzhou, it represents TST’s business footprint expanding to 15 cities within China’s mainland. The newly awarded contract demonstrates that this TST self-developed technology is not only recognized by Shanghai’s market, but also by a wider Chinese market, indicating the great success of Thales’ strategy to localize research and development through the joint venture.



Zhengzhou City © ZCOOL 站酷

**Thales JV in China – Thales SEC Transport (TST) has recently been contracted by Zhengzhou Metro to provide its innovative TSTCBTC ®2.0 signalling system for the city’s Metro Line 6 Phase 1 project. This is the first signalling project that TST was**

**awarded in Zhengzhou, which marks the company’s business footprint expanding to 15 cities within China’s mainland.**

Zhengzhou, as the capital city of Henan Province and the core city of China’s Central Plains City Cluster, has a significant geographical advantage. The Zhengzhou Line 6 Phase 1 project is one of the key projects in the city’s urban rail transit construction, which will significantly enhance the urban mobility. The line runs from Jiayu Town station to Xiaoying station, with a total operational length of 39.2 km (2.8 km elevated, 36.4 km underground), crossing through 26 stations (one elevated and 25 underground), and including nine interchange stations. It will reinforce transportation links among the city’s Zhongyuan District, Erqi District and Zhengdong New District, while also expanding west to incorporate the Xingyang Donglin Lake District into the rail transit service area.

The project will be running on TSTCBTC @2.0, the innovative signalling system developed by TST, with complete IPR (Intellectual Property Rights). With the revolutionary dual CBTC (Communication Based Train Control) architecture, the system aims to achieve zero interruptions to operations by creating a high level of redundancy and availability. It also significantly simplifies wayside equipment and reduces life cycle costs, thereby greatly facilitating maintenance.

The system’s high availability and reliability have been verified on the Shanghai Metro Line 5, the first metro line in China where operation, construction and renovation were fulfilled simultaneously. Moreover, Shanghai Metro Line 14, the GoA4 FAO (fully automatic operation) model line scheduled to enter into service in 2021, also selected TSTCBTC @2.0 as its signalling system.

*“We are very honored to start this new partnership with Zhengzhou Metro by introducing our innovative signalling technology to the public transport construction of this national central city,” said Jérôme Bendell, Vice President of Thales North Asia and CEO of Thales in China, “The newly awarded contract demonstrates that TSTCBTC @2.0 is not only recognized by the Shanghai market, but also by a wider Chinese market, indicating the great success of Thales’ strategy to localize R&D through the JV. As always, Thales is committed to China’s fast-forward urban rail development by leveraging our profound expertise and local innovation capability.”*

## About Thales

Thales (Euronext Paris: HO) is a global technology leader shaping the world of tomorrow today. The Group provides solutions, services and products to customers in the aeronautics, space, transport, digital identity and security, and defence markets. With 83,000 employees in 68 countries, Thales generated sales of €19 billion in 2019 (on a pro forma basis including Gemalto over 12 months).

Thales is investing in particular in digital innovations – connectivity, Big Data, artificial intelligence and cybersecurity – technologies that support businesses, organisations and governments in their decisive moments.

## About Thales in China

Thales provides innovative solutions for the infrastructure that forms the backbone of China’s growth. The Group has been present in China for around 40 years and is the trusted partner for the Chinese aviation and urban rail transportation industries. In the meanwhile, from secure software to biometrics and encryption, Thales has successfully applied its advanced technology to mobile communication, banking, IoT and software monetization etc. Thales has 3 JVs and employs 2,300 people with offices located in 8 cities in China. Thales established R&D centers and Innovation Hubs

in Beijing, Dalian and Hong Kong to provide innovative solutions for both China and international market.

## **About TST**

Thales SEC Transport (TST) was established in 2011 via the joint investment of Thales and Shanghai Electric Group. The company focuses on providing world-leading signalling system for China's urban rail transport as well as developing innovative solutions to meet local requirements. The company is the second CBTC competence center of Thales and has been selected by 15 cities in China for 1,394km of tracks.

---

## **PRESS CONTACT**

### **Thales, Media Relations**

Chrystelle Dugimont  
+33 (0) 4 92 92 74 06  
[chrystelle.dugimont@thalesgroup.com](mailto:chrystelle.dugimont@thalesgroup.com)

### **Thales, China Communications**

Tammy Qiu  
+86 10 65875066  
[tammy.qiu@asia.thalesgroup.com](mailto:tammy.qiu@asia.thalesgroup.com)